

UREA

METHODOLOGY

Berthelot Method

SPECIMEN

Use fresh unhaemolysed serum or Heparinised or EDTA plasma (do not use ammonium salts and sodium fluoride as anticoagulants)

WORKING REAGENT PREPARATION

Transfer the entire Enzyme Concentrate (1A) into Urease Reagent (1) with the dropper provided

PROCEDURE (End Point)

Pipette into test tube labeled as	Blank	Standard	Test
Working Reagent	1.0ml	1.0ml	1.0ml
Standard (50mg/dl)	--	10 μ l	--
Serum / Plasma	--	--	10 μ l
Mix and incubate for 5 minutes at RT			
Alkaline Buffer	1.0ml	1.0ml	1.0ml

Mix well and incubate RT for 10minutes read absorbance of standard and test against reagent blank at 578 nm

NORMAL VALUES

SERUM / PLASMA UREA : 10 – 50 mg / dl